



LMX-2

Patent Pending

ACTIVE LINE MULTIPLEXER



National Antenna Systems, L.L.C.

140 58th Street, Suite 10W, Brooklyn, NY 11220

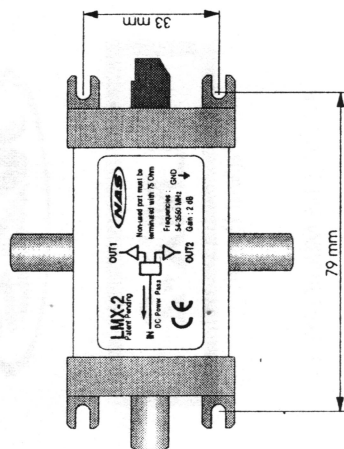
Tel: (718) 567-8470

Fax: (718) 567-8445

www.nasproducts.com

09/06

MOUNTING DIMENSIONS



TECHNICAL SPECIFICATIONS

Number of outputs	2
Frequency range	54 - 3550 MHz
Gain	
* Satellite	2 dB \pm 2 dB @ 950 - 3550 MHz
* Terrestrial	2 dB \pm 2 dB
Flatness	\pm 0.5 dB Max. @ 24 MHz
Noise Figure	< 12.0 dB
Max. Output Level	
* Satellite (IM3, 35 dB / 2 carriers)	0 dBm @ 950 - 3550 MHz
* Terrestrial (IM3, 54 dB / 2 carriers)	48 dBmV

Input Return Loss	> 8.0 dB, Typ. 10.0 dB
Output Return Loss	> 8.0 dB, Typ. 10.0 dB
Isolation between outputs	Typ. 20 dB
DC power pass	500 mA Max.
Input DC Voltage	10 VDC Min., 24 VDC Max.
Power Consumption	120 mA
Environmental requirement	
Connectors	"F" High Quality, conical seize
Dimensions	100 mm x 69 mm x 23 mm

Non-used port must be terminated with 75 Ohm